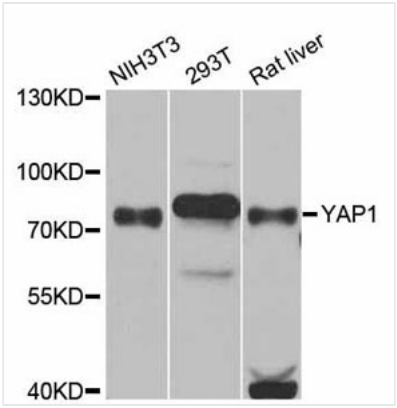
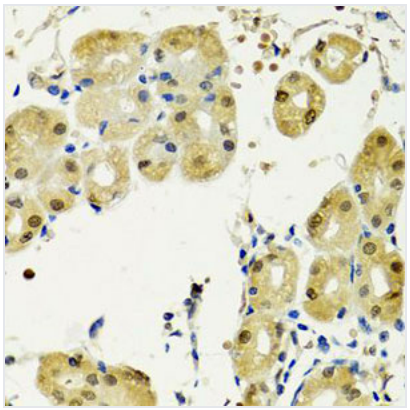
YAP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

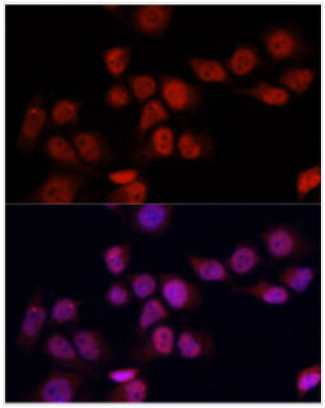
Product Name	YAP (YAP1), Polyclonal Antibody
Full Product Name	YAP
Product Gene Name	anti-YAP1 antibody
Product Synonym Names	COB1;YAP;YAP2;YAP65;YKI
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	504
Chromosome Location	Chromosome: 11; NC_000011.9 (101981151..102104154). Location: 11q13
OMIM	606608
3D Structure	ModBase 3D Structure for P46937
Observed MW	72kDa
Calculated MW	36kDa/48kDa/49kDa/50kDa/52kDa/53kDa/54kDa
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 155-504 of human YAP1 (NP_001123617.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-YAP1 antibody	Western Blot (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)
Related Product Information for anti-YAP1 antibody	This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms.
Other Notes	Small volumes of anti-YAP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for YAP1 purchase	MBS125232 is an antibody targeting YAP1. Also known as YAP. Reactive in Human, Mouse, Rat. Host: Rabbit.



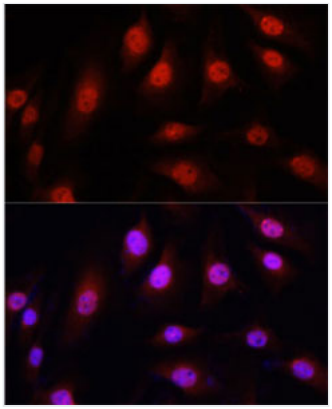
Western Blot (WB) of anti-YAP1 antibody
Western blot analysis of extracts of various cell lines, using YAP1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.



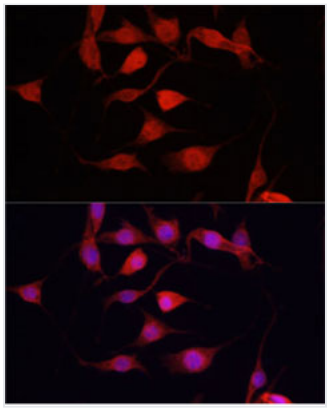
Immunohistochemistry (IHC) of anti-YAP1 antibody
Immunohistochemistry of paraffin-embedded human stomach using YAP1 antibody at dilution of 1:100 (40x lens).



Immunofluorescence of anti-YAP1 antibody
Immunofluorescence analysis of HeLa Cells using YAP1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining



Immunofluorescence of anti-YAP1 antibody
Immunofluorescence analysis of NIH/3T3 cells using YAP1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence of anti-YAP1 antibody
Immunofluorescence analysis of PC12 cells using YAP1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for YAP1. It may not necessarily be applicable to this product.

NCBI GI #	194306653
NCBI GeneID	10413
NCBI Accession #	NP_001123617.1

UniProt Primary Accession #	P46937
UniProt Secondary Accession #	Q7Z574; Q8IUY9; B4DTY1
UniProt Related Accession #	P46937
GenBank Nucleotide #	NM_001130145.2
NCBI Official Full Name	yorkie homolog isoform 1
NCBI Official Synonym Full Names	Yes-associated protein 1
NCBI Official Symbol	YAP1
NCBI Official Synonym Symbols	YAP; YKI; YAP2; YAP65
UniProt Protein Name	Yorkie homolog
UniProt Synonym Protein Names	65 kDa Yes-associated protein
Protein Family	AP-1-like transcription factor
UniProt Gene Name	YAP1
UniProt Synonym Gene Names	YAP65; YAP65
UniProt Entry Name	YAP1_HUMAN
NCBI Protein Information	yorkie homolog; yes-associated protein 2; 65 kDa Yes-associated protein
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